

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/DE 03/02578

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F9/445 H04L12/66 G06F21/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages                           | Relevant to claim No. |
|------------|--|-----------------------|
| X          | EP 0 964 334 A (IBM)<br>15 December 1999 (1999-12-15)  | 1, 2, 9               |
| Y          | paragraphs<br>'0011!', '0019!'-'0024!', '0048!', '0054!', '0055!',<br>'0062!'-'0065!                         | 4-8                   |
| Y          | GB 2 346 989 A (IBM)<br>23 August 2000 (2000-08-23)<br>page 4, line 37 -page 5, line 37<br>figures 1-4       | 4-7                   |
| Y          | US 5 752 042 A (PRITKO STEVEN MICHAEL ET<br>AL) 12 May 1998 (1998-05-12)<br>column 5, line 37-55<br>figure 5 | 8                     |

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

11 December 2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
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| X          | US 6 023 727 A (TAKAHASHI NATSUKO ET AL)<br>8 February 2000 (2000-02-08)<br>column 3, line 39 -column 5, line 65<br>column 16, line 23-63<br>figure 1<br>-----              | 1,2                   |
| X          | US 5 761 380 A (RAGAN JR RICHARD WALTON<br>ET AL) 2 June 1998 (1998-06-02)<br>column 2, line 4-14<br>column 7, line 35 -column 8, line 21<br>figure 4<br>-----              | 1,2                   |
| A          | WO 01 84792 A (GREEN ROBERT HUGH ;LANE<br>KEITH MARTIN (GB); LINDSAY WILLIAM ANDREW)<br>8 November 2001 (2001-11-08)<br>page 2, line 6 -page 7, line 8<br>figure 1<br>----- | 1-9                   |
| A          | WO 98 36543 A (ALMGREN GUNNAR ;TELIA AB<br>(SE)) 20 August 1998 (1998-08-20)<br>page 2, line 2 -page 8, line 3<br>-----   | 1-9                   |

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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| Patent document<br>cited in search report |   | Publication<br>date | Patent family<br>member(s)  | Publication<br>date  |
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